



ICC 2021 Code Changes

This document created by the Florida Department of Business and Professional Regulation -
850-487-1824

TAC: Swimming Pool

Total Mods for **Swimming Pool** in **Pending Review**: 2

Total Mods for report: 2

Sub Code: Building

SW9124/ADM47-16

1

Date Submitted 2/18/2021	Section 101	Proponent Mo Madani
Chapter 35	Affects HVHZ Yes	Attachments Yes
TAC Recommendation Pending Review	Staff Classification Correlates Directly	
Commission Action Pending Review		

Comments

General Comments Yes

Related Modifications

Standards update as applicable to all sub-codes.

Summary of Modification

Updates Referenced standards

Rationale

The CP28 Code Development Policy, Section 4.6 requires the updating of referenced standards to be accomplished administratively, and be processed as a Code Change Proposal for consideration by the Administrative Code Change Committee. In September 2018, a letter was sent to each developer of standards that is referenced in the International Codes, asking them to provide ICC with a list of their standards in order to update to the current edition. Listed are the referenced standards that are to be updated based upon responses received from standards developers.

Comment Period History

Proponent Joseph Belcher **Submitted** 7/1/2021 **Attachments** No

Comment:

The Florida Home Builders Association (FHBA) joins the Leading Builders of America in requesting denial of the NEC 2020 Article 210.8(F) adopted by this proposed code change. Specifically, the requirement for GFCI on outdoor outlets [Article 210.8(F)] is leading to the shutdown of HVAC systems in many locations that have adopted the NEC 2020. Numerous occurrences of field tripping of the GFCI breaker on ductless mini splits, units containing power conversion equipment, and many single-stage units have been reported. Due to this issue, ten states (WA, OR, CO, ND, SD, MN, IA, TX, GA, MA) have already taken steps to delete, modify or delay enforcement of the requirement. Another six states (UT, NC, WV, CT, NH, ME) all plan to adopt the 2020 NEC with modifications to section 210.8(F). This issue poses a serious health risk to Floridians. We are open to resolving the issue with modifications if an interested party submits a change during Phase II.

Please see attachment

Code Change No: ADM47-16

Original Proposal

The following table provides a comprehensive list of all standards that the respective standards promulgators have indicated have been, or will be, updated from the listing in the 2018 Editions of the International Codes. According to Section 4.5.1 of ICC Council Policy #CP 28, Code Development Policy, the updating of standards referenced by the Codes shall be accomplished administratively by the Administrative code development committee. Therefore, referenced standards that are to be updated for the 2020 edition of any of the I-Codes are listed in this single code change proposal. Note that the table below indicates the change to the standard, and the code or codes in which each standard appears. The list includes standards that the promulgators have already updated or will have updated by December 1, 2020.

AA	Aluminum Association	
Standard Reference Number	Title	Referenced In Code(s):
ADM1-2015 <u>ADM1-2020</u>	Aluminum Design Manual: Part 4— A Specification-1—Specification for Aluminum Structures	IBC®

AAMA	American Architectural Manufacturers Association	
Standard Reference Number	Title	Referenced in Code(s):
744-16 <u>711-20</u>	Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	IBC® IRC®
744-16 <u>714-20</u>	Voluntary Specification for Liquid Applied Flashing Used to Create a Water-resistive Seal around Exterior Wall Openings in Buildings	IBC® IRC®

ACI	American Concrete Institute	
Standard Reference Number	Title	Referenced in Code(s):
318-14 <u>318-19</u>	Building Code Requirements for Structural Concrete	IBC® IRC®

AISI	American Iron and Steel Institute	
Standard Reference Number	Title	Referenced in Code(s):
AISI S100-16 <u>S1-18</u>	North American Specification for the Design of Cold-formed Steel Structural Members, 2016, with Supplement 1, dated 2018	IBC® IRC®
AISI S202-15 <u>S202-20</u>	Code of Standard Practice for Cold-formed Steel Structural Framing, 2015 2020	IBC®
AISI S220-15 <u>S220-20</u>	North American Standard for Cold-formed Steel Framing—Nonstructural Members, 2015 2020	IBC® IRC®
AISI S230-15 <u>S230-18</u>	Standard for Cold-formed Steel Framing—Prescriptive Method for One- and Two-family Dwellings, 2015 2018	IBC® IRC®
AISI S240-15 <u>S240-20</u>	North American Standard for Cold-Formed Steel Structuring Framing, 2015 2020	IBC® IRC®
AISI S400-15 <u>S1-16</u> <u>S400-20</u>	North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2015, with Supplement 1, dated 2016 2020	IBC®

ANSI	American National Standards Institute	
Standard Reference Number	Title	Referenced in Code(s):
A13.1-2015 <u>A13.1-2020</u>	Scheme for the Identification of Piping Systems	IBC® IFC®
A108.1A-16 <u>A108.1A-17</u>	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar	IBC® IRC®
A108.1B-99 <u>A108.1B-17</u>	Installation of Ceramic Tile, Quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar	IBC® IRC®
A108.4-99 <u>A108.4-09</u>	Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive	IBC® IRC®

A108.5 99 <u>A108.5-19</u>	Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-Portland Cement Mortar	IBC®	IRC®
A108.6 99 <u>A108.6-19</u>	Installation of Ceramic Tile with Chemical-resistant, Water Cleanable Tile-setting and -grouting Epoxy	IBC®	IRC®
A108.8 99 <u>A108.8-19</u>	Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout	IBC®	
A108.9 99 <u>A108.9-19</u>	Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout	IBC®	
A108.10 99 <u>A108.10-17</u>	Installation of Grout in Tilework	IBC®	
A118.1 16 <u>A118.1-18</u>	American National Standard Specifications for Dry-set Portland Cement Mortar	IBC®	IRC®
A118.3 16 <u>A118.3-20</u>	American National Standard Specifications for Chemical-resistant, Water-cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive	IBC®	IRC®
A118.4 16 <u>A118.4-18</u>	American National Standard Specifications for Modified Dry-set Cement Mortar	IBC®	IRC®
A118.6 16 <u>A118.6-19</u>	American National Standard Specifications for Cement Grouts for Tile Installation	IBC®	
A136.1 08 <u>A136.1-19</u>	American National Standard Specifications for the Installation of Ceramic Tile	IBC®	IRC®
A137.1 17 <u>A137.1-19</u>	American National Standard Specifications for Ceramic Tile	IBC®	IRC®

APA	APA - Engineered Wood Association	
-----	-----------------------------------	--

Standard Reference Number	Title	Referenced In Code(s):	
ANSI 117-15 <u>117-2020</u>	Standard Specification for Structural Glued Laminated Timber of Softwood Species	IBC®	
ANSI/APA A490.1-17 A190.1-2017	Structural Glued Laminated Timber	IBC®	
ANSI/APA PRP 210-14 210-2019	Standard for Performance-Rated Engineered Wood Siding	IBC®	
APA PDS-12 <u>PDS-20</u>	Panel Design Specification	IBC®	
ANSI/APA PRG 320-17 320-2019	Standard for Performance-rated Cross-laminated Timber	IBC®	
APA R540-16 <u>R540-19</u>	Builders <u>Builder</u> Tips: Proper Storage and Handling of Glulam Beams	IBC®	
APA S475-16 <u>S475-20</u>	Glued Laminated Beam Design Tables	IBC®	
APA S560-14 <u>S560-20</u>	Field Notching and Drilling of Glued Laminated Timber Beams	IBC®	
APA X450-04 <u>X450-18</u>	Glulam in Residential Construction <u>Western Edition Building</u> Construction Guide	IBC®	

ASABE	American Society of Agricultural and Biological Engineers	
-------	---	--

Standard Reference Number	Title	Referenced In Code(s):	
EP 484.3 MON2016 DEC2017	Diaphragm Design of Metal-clad, Wood-frame Rectangular Buildings	IBC®	
EP 486.2 OCT 2012 ED 486.3 SEP2017	Shallow-post and Pier Foundation Design	IBC®	
EP 559.2 MON2016 559.1 W/Corr. AUG2010 (R2014)	Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies	IBC®	

ASCE/SEI	American Society of Civil Engineers Structural Engineering Institute	
----------	--	--

Standard Reference Number	Title	Referenced in Code(s):	
7-16 <u>with Supplement 1</u>	Minimum Design Loads and Associated Criteria for Buildings and Other Structures	IBC® IRC®	IEBC®

B4-14.24-20	Flood Resistant Design and Construction	IBC®	IRC®
29-17.29-19	Standard Calculation Methods for Structural Fire Protection	IBC®	
49-07.49-12	Wind Tunnel Testing for Buildings and Other Structures	IBC®	

ASME American Society of Mechanical Engineers

Standard Reference Number	Title	Referenced in Code(s):	
ASME/A17.1-2016 A17.1-2019/CSA B44-16 B44-19	Safety Code for Elevators and Escalators	IBC®	
A17.7-2007/CSA B44-07(R2014 R2019)	Performance-based Safety Code for Elevators and Escalators	IBC®	
A18.1-2014 A18.1-2020	Safety Standard for Platform Lifts and Stairway Chairlifts	IBC®	IEBC®
A99.1-2016 A90.1-2020	Safety Standard for Belt Manlifts	IBC®	
B16.16-2012 B16.18-2018	Cast Copper Alloy Solder Joint Pressure Fittings	IBC®	IFC®
		IMC®	IPC®
		IRC®	
B16.22-2013 B16.22-2018	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	IBC®	IFC®
		IMC®	IPC®
		IRC®	
B20.1-2015 B20.1-2021	Safety Standard for Conveyors and Related Equipment	IBC®	
B31.3-2016 B31.3-2020	Process Piping	IBC®	IFC®
		IFGC®	

ASSE American Society of Safety Engineers

Standard Reference Number	Title	Referenced In Code(s):	
ANSI/ASSE Z359.1-2016 ASSP Z359.1-2019	Requirements for the ANSI/ASSE Z359-The Fall Protection Code	IBC®	IFC®
		IMC®	

ASTM ASTM International

Standard Reference Number	Title	Referenced in Code(s):	
A6/A6M-14 A6M-2017A	Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling	IBC®	
A153/A153M-09 A153M-2016A	Specification for Zinc Coating (Hot-dip) on Iron and Steel Hardware	IBC®	IRC®
A240/A240M-15a A240M-17	Standard Specification for Chromium and Chromium-nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications	IBC®	IRC®
		ISPS®	
A252-10 A252-2010(2018)	Specification for Welded and Seamless Steel Pipe Piles	IBC®	
A283/A283M-13 A283M-2018	Specification for Low and Intermediate Tensile Strength Carbon Steel Plates	IBC®	
A416/A416M-15 A416M-2017A	Specification for Steel Strand, Uncoated Seven-wire for Prestressed Concrete	IBC®	
A572/A572M-15 A572M-2018	Specification for High-strength Low-alloy Columbium-Vanadium Structural Steel	IBC®	
A653/A653M-15 A653M-2017	Specification for Steel Sheet, Zinc-coated Galvanized or Zinc-iron Alloy-coated Galvannealed by the Hot-dip Process	IBC®	IRC®

A690/A690M—13a(2018)	Standard Specification for High-strength Low-alloy Nickel, Copper, Phosphorus Steel H-piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments	IBC®	
A706/A706M—15 A706M—2016	Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement	IBC®	IRC®
A722/A722M—15 A722M—2018	Specification for High-strength Steel Bars for Prestressed Concrete	IBC®	
A755/A755M—15 A755M—2016E1	Specification for Steel Sheet, Metallic-coated by the Hot-dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products	IBC®	
A924/A924M—14 A924M—2017A	Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-dip Process	IBC®	IRC®
B88—14 B88—2016	Specification for Seamless Copper Water Tube	IBC® IFGC® IPC® IRC®	IFC® IMC® IPSDC® ISPSC®
B251—19 B251/B251M—2017	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube	IBC® IMC® IPSDC®	IFC® IPC® IRC®
B280—13 B280—2018	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	IBC® IFGC®	IFC® IMC®
B695—04 B695—2004(2009 2016)	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel Strip for Building Construction	IBC®	IRC®
C5—16 C5—2018	Specification for Quicklime for Structural Purposes	IBC®	IRC®
C27—98 C27—1998(2014 2018)	Specification for Classification of Fireclay and High-alumina Refractory Brick	IBC®	IRC®
C31/G31M—15 C31M—2018B	Practice for Making and Curing Concrete Test Specimens in the Field	IBC®	
C33/G33M—13 C33M—2018	Specification for Concrete Aggregates	IBC®	IRC®
C55—2014a C55—2017	Specification for Concrete Building Brick	IBC®	IRC®
C62—13a C62—2017	Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)	IBC®	IRC®
C67—14 C67/C67M—2018	Test Methods of Sampling and Testing Brick and Structural Clay Tile	IBC®	
C73—14 C73—2017	Specification for Calcium Silicate Brick (Sand-lime Brick)	IBC®	IRC®
C90—14 C90—2016A	Specification for Loadbearing Concrete Masonry Units	IBC® IRC®	IECC
C91/G91M—12 C91M—2018	Specification for Masonry Cement	IBC®	IRC®
C94/G94M—15a C94M—2017A	Specification for Ready-mixed Concrete	IBC® IRC®	IEBC®
C140/G140M—15 C140M—2018	Test Method Sampling and Testing Concrete Masonry Units and Related Units	IBC®	
C150/G150M—15 C150M—2018	Specification for Portland Cement	IBC®	IRC®
C172/G172M—14a C172M—2017	Practice for Sampling Freshly Mixed Concrete	IBC®	
C199—04 C199—1984(2011 2016)	Test Method for Pier Test for Refractory Mortars	IBC®	IRC®
C208—12 C208—2012(2017)E1	Specification for Cellulosic Fiber Insulating Board	IBC®	IRC®
C216—15 C216—2017A	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	IBC®	IRC®
C315—07 C315—2007(2011 2016)	Specification for Clay Flue Liners and Chimney Pots	IBC® IMC®	IFGC® IRC®

C317/6317M-08 C317M-2000(2015)	Specification for Gypsum Concrete	IBC®	
C330/6330M-14 C330M-2017A	Specification for Lightweight Aggregates for Structural Concrete	IBC®	
C331/6331M-14 C331M-2017	Specification for Lightweight Aggregates for Concrete Masonry Units	IBC®	
G473-15 C473-2017	Test Methods for Physical Testing of Gypsum Panel Products	IBC®	
C475/6475M-15 C475M-2017	Specification for Joint Compound and Joint Tape for Finishing Gypsum Board	IBC®	IRC®
G516-08 C516-2008(2014 2013)e+ E1	Specifications for Vermiculite Loose Fill Thermal Insulation	IBC®	
G547-15 C547-2017	Specification for Mineral Fiber Pipe Insulation	IBC®	
C549-06(2012)	Specification for Perlite Loose Fill Insulation	IBC®	
G552-15 C552-2017E1	Standard Specification for Cellular Glass Thermal Insulation	IBC®	IRC®
G557-09 C557-2003(2009 2017)e0+	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing	IBC®	IRC®
G578-15 C578-2018	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation	IBC®	IRC®
G587-04 C587-2004(2014 2018)	Specification for Gypsum Veneer Plaster	IBC®	IRC®
C595/6595M-14e+ C595M-2018	Specification for Blended Hydraulic Cements	IBC®	IRC®
C635/6635M-18a C635M-2017	Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings	IBC®	
G652-15 C652-2017A	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	IBC®	IRC®
G726-12 C726-2017	Standard Specification for Mineral Wool Roof Insulation Board	IBC®	IRC®
G728-15 C728-2017A	Standard Specification for Perlite Thermal Insulation Board	IBC®	IRC®
G744-14 C744-2016	Specification for Prefaced Concrete and Calcium Silicate Masonry Units	IBC®	IRC®
G754-15 C754-2018	Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products	IBC®	
C836/6836M-15 C836M-2018	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	IBC®	IRC®
G840-13 C840-2018A	Specification for Application and Finishing of Gypsum Board	IBC®	
G841-03 C841-2003(2013 2018)	Specification for Installation of Interior Lathing and Furring	IBC®	IRC®
G843-09(2012) C843-2017	Specification for Application of Gypsum Veneer Plaster	IBC®	IRC®
G847-14a C847-2018	Specification for Metal Lath	IBC®	IRC®
G920-14a C920-2018	Standard for Specification for Elastomeric Joint Sealants	IBC®	IRC®
G926-15b C926-2018B	Specification for Application of Portland Cement-based Plaster	IBC®	IRC®
G933-14 C933-2018	Specification for Welded Wire Lath	IBC®	IRC®
G946-10 C946-2018	Specification for Construction of Dry-stacked, Surface-bonded Walls	IBC®	IRC®
G954-15 C954-2018	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness	IBC®	IRC®
C957/6957M-15 C957M-2017	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane with Integral Wearing Surface	IBC®	IRC®
G1002-14 C1002-2018	Specification for Steel Self-piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs	IBC®	IRC®
G1032-14 C1032-2018	Specification for Woven Wire Plaster Base	IBC®	IRC®
G1047-14a C1047-2018	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base Specification for Installation of Lathing and Furring to Receive Interior and Exterior	IBC®	IRC®

C1083-15a C1083-2018B	Portland Cement-based Plaster	IBC®	IRC®
C1088-14 C1088-2018	Specification for Thin Veneer Brick Units Made from Clay or Shale	IBC®	IRC®
C1157/C1157M-11 C1157M-2017	Standard Performance Specification for Hydraulic Cement	IBC®	
C1167-11 C1167-2011 (2017)	Specification for Clay Roof Tiles	IBC®	IRC®
C1177/C1177M-13 C1177M-2017	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	IBC®	IRC®
C1178/C1178M-13 C1178M-2018	Specification for Coated Mat Water-resistant Gypsum Backing Panel	IBC®	IRC®
C1186-08 C1186-2008 (2012 2016)	Specification for Flat Fiber Cement Sheets	IBC®	IRC®
C1261-13 C1261-2013 (2017)E1	Specification for Firebox Brick for Residential Fireplaces	IBC®	IRC®
C1278/C1278M-07a (2011) C1278M-2017	Specification for Fiber-reinforced Gypsum Panel	IBC®	IRC®
C1283-14 C1283-2015	Practice for Installing Clay Flue Lining	IBC®	IRC®
C1288-14 C1288-2017	Standard Specification for Discrete Nonasbestos Fiber-cement Interior Substrate Sheets	IBC®	IRC®
C1289-16 C1289-2018	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	IBC®	IRC®
C1325-14 C1325-2018	Standard Specification for Nonasbestos Fiber-mat Reinforced Cement Backer Units	IBC®	IRC®
C1364-16B C1364-2017	Standard Specification for Architectural Cast Stone	IBC®	IRC®
C1396/C1396M-14a C1396M-2017	Specification for Gypsum Board	IBC®	
C1492-03 C1492-2003 (2009 2016)	Standard Specification for Concrete Roof Tile	IBC®	IRC®
C1600/C1600M-11 C1600M-2017	Standard Specification for Rapid Hardening Hydraulic Cement	IBC®	
C1629/C1629M-15 C1629M-2018A	Standard Classification for Abuse-resistant Nondecorated Interior Gypsum Panel Products and Fiber-reinforced Cement Panels	IBC®	
C1658/C1658M-13 C1658M-2018	Standard Specification for Glass Mat Gypsum Panels	IBC®	IRC®
C1670-16 C1670/C1670M-2018	Standard Specification for Adhered Manufactured Stone Masonry Veneer Units	IBC®	
C1766-13 C1766-2015	Standard Specification for Factory-laminated Gypsum Panel Products	IBC®	IRC®
D25-12 D25-2012 (2017)	Specification for Round Timber Piles	IBC®	
D41/D41M-11 D41M-2011 (2016)	Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing	IBC®	
D43/D43M-09 D43M-2000 (2012 2018)e+	Specification for Coal Tar Primer Used in Roofing, Dampproofing and Waterproofing	IBC®	
D56-05 (2010) D56-2016A	Test Method for Flash Point by Tag Closed Cup Tester	IBC® IMC®	IFC®
D86-15 D86-2017	Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	IBC®	IFC®
D93-15 D93-2018	Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	IBC® IMC®	IFC®
D226/D226M-09 D226M-2017	Specification for Asphalt-saturated Organic Felt Used in Roofing and Waterproofing	IBC®	IRC®
D227/D227M-03 D227M-2003 (2011 2018)e+	Specification for Coal-tar-saturated Organic Felt Used in Roofing and Waterproofing	IBC®	IRC®
D312/D312M-15 D312M-			

D448—2012(2017)	Specification for Asphalt Used in Roofing Standard Classification for Sizes of Aggregate for Road and Bridge Construction	IBC® IBC®	
D450/D450M—07 D450M—2017(2018 2018)e+	Specification for Coal-tar Pitch Used in Roofing, Dampproofing and Waterproofing	IBC®	IRC®
D1143/D1143M—07 D1143M—2007(2013) E1	Test Methods for Deep Foundations Under Static Axial Compressive Load	IBC®	
D1863/D1863M—05 D1863M—2005(2011 2018)e+	Specification for Mineral Aggregate Used on Built-up Roofs	IBC®	IRC®
D1970/D1970M—15a D1970M—2017A	Specification for Self-adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection	IBC®	
D2178/D2178M—15 D2178M—15A	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	IBC®	IRC®
D2487—11 D2487—2017	Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)	IBC®	
D2822/D2822M—05 D2822M—2005(2011)e+	Specification for Asphalt Roof Cement, Asbestos Containing	IBC®	IRC®
D2824/D2824M—13 D2824M—2018	Standard Specification for Aluminum-pigmented Asphalt Roof Coatings, Nonfibered and Fibered without Asbestos	IBC®	
D2859—16 D2859—2016	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	IBC®	IFC®
D2898—16 D2898—2010(2017)	Test Methods for Accelerated Weathering of Fire-retardant-treated Wood for Fire Testing	IBC® IWUIC®	IRC®
D3019—08 D3019/D3019M—2017	Specification for Lap Cement Used with Asphalt Roll Roofing, Nonfibered, Asbestos Fibered and Nonasbestos Fibered	IBC®	IRC®
D3161/D3161M—15 D3161M—2016A	Test Method for Wind Resistance of Steep Slope Roofing Products (Fan Induced Method)	IBC®	IRC®
D3200—74 D3200—1974(2012 2017)	Standard Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles	IBC®	
D3462/D3462M—10a D3462M—2016	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules	IBC®	IRC®
D3679—13 D3679—2017	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	IBC®	IRC®
D3737—12 D3737—2018E1	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)	IBC®	
D3746—05 D3746/D3746M—1985(2008 2015) E1	Test Method for Impact Resistance of Bituminous Roofing Systems	IBC®	
D3957—09 D3957—2009(2015)	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings	IBC®	
D4318—18e+ D4318—2017E1	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils	IBC®	IRC®
D4434/D4434M—12 D4434M—2015	Specification for Poly (Vinyl Chloride) Sheet Roofing	IBC®	IRC®
D4479/D4479M—07 D4479M—2007(2012 2018)e+	Specification for Asphalt Roof Coatings—Asbestos-free	IBC®	IRC®
D4586/D4586M—07 D4586M—2007(2012 2018)e+	Specification for Asphalt Roof Cement—Asbestos-free	IBC®	IRC®
D4637/D4637M—14e+ D4637M—2015	Specification for EPDM Sheet Used in Single-ply Roof Membrane	IBC®	IRC®
D4869/D4869M—15 D4869M—2016A	Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	IBC®	IRC®
D4897/D4897M—01(2009)			

D4897M—2018 D4945—12 D4945—2017	Specification for Asphalt-coated Glass Fiber Venting Base Sheet Used in Roofing Test Method for High-strain Dynamic Testing of Deep Foundations	IBC® IBC®	IRC®
D5055—13e+ D5055—2016	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-joists	IBC®	IRC®
D5456—14b D5456—2018	Specification for Evaluation of Structural Composite Lumber Products	IBC®	IRC®
D5516—09 D5516—2018	Test Method of Evaluating the Flexural Properties of Fire-retardant Treated Softwood Plywood Exposed to Elevated Temperatures	IBC®	IRC®
D5643/D5643M—06 D5643M—2006(2012 2018)e+	Specification for Coal Tar Roof Cement, Asbestos-free	IBC®	IRC®
D5664—18 D5664—2017	Standard Test Method for Evaluating the Effects of Fire-retardant Treatment and Elevated Temperatures on Strength Properties of Fire-retardant Treated Lumber	IBC®	IRC®
D6083—05e0+ D6083/D6083M—2018	Specification for Liquid Applied Acrylic Coating Used in Roofing	IBC®	IRC®
D6162/D6162M—00a(2015)e+ D6162M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC®	
D6163/D6163M—00(2015)e+ D6163M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	IBC®	
D6164/D6164M—11 D6164M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Metal Materials Using Polyester Reinforcements	IBC®	IRC®
D6222/D6222M—11 D6222M—2016	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements	IBC®	IRC®
D6223/D6223M—02(2009)e+ D6223M—2016	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC®	IRC®
D6298—13 D6298/D6298M—2016	Specification for Fiberglass Reinforced Styrene-butadiene-styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	IBC®	IRC®
D6380/D6380M—03 D6380M—2003(2018 2018)e+	Standard Specification for Asphalt Roll Roofing (Organic) Felt	IBC®	
D6464—03a D6464—2003A(2009 2017)e+	Standard Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing	IBC®	IRC®
D6509/D6509M—09(2015) D6509M—2016	Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements	IBC®	
D6754/D6754M—10 D6754M—2015	Standard Specification for Ketone Ethylene Ester Based Sheet Roofing	IBC®	IRC®
D6757—2013 D6757/D6757M—2018	Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep Slope Roofing	IBC®	IRC®
D6841—08 D6841—2016	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-retardant Treated Lumber	IBC®	IRC®
D6878/D6878M—10 D6878M—2017	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing	IBC®	IRC®
D6947/D6947M—07(2019)e+ D6947M—2016	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System	IBC®	IRC®
D7032—14 D7032—2017	Standard Specification for Establishing Performance Ratings for Wood, Plastic Composite Deck Boards and Guardrail Systems (Guards or Rails)	IBC® IWUIC®	IRC®
D7147—11 D7147—2011(2018)	Specification for Testing and Establishing Allowable Loads of Joist Hangers	IBC®	
D7158/D7158M—16 D7158M—2019	Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)	IBC®	
D7254—15 D7254—2017	Standard Specification for Polypropylene (PP) Siding	IBC®	IRC®
D7655/D7655M—12 D7655M—2012(2017)	Standard Classification for Size of Aggregate Used as Ballast for Roof Membrane Systems	IBC®	

E7672-14 <u>D7672-14E1</u>	Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies	IBC®	IRC®
E84-16 <u>E84-2018B</u>	Standard Test Methods for Surface Burning Characteristics of Building Materials	IBC®	
E90-09 <u>E90-2009(2016)</u>	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	IBC®	
E96/E96M-15 <u>E96M-2016</u>	Standard Test Methods for Water Vapor Transmission of Materials	IBC®	
E108-16 <u>E108-2017</u>	Standard Test Methods for Fire Tests of Roof Coverings	IBC® IWUIC®	IEBC®
E110-16 <u>E110-2018B</u>	Standard Test Methods for Fire Tests of Building Construction and Materials	IBC®	
E106-16 <u>E136-2016A</u>	Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750° C	IBC® IFGC® IWUIC®	IEBC® IMC®
E200-04 <u>E283-2004(2012)</u>	Standard Test Method for Determining Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences across the Specimen	IBC® IECC	IECC IRC®
E331-00 <u>E331-2000(2009 2016)</u>	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference	IBC®	IRC®
E492-09 <u>E492-2009(2016)E1</u>	Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-ceiling Assemblies Using the Tapping Machine	IBC®	
E648-16e+ <u>E648-2017A</u>	Standard Test Method for Critical Radiant Flux of Floor-covering Systems Using a Radiant Heat Energy Source	IBC®	IFC®
E736/E736M-00(2015)e+ <u>E736M-2017</u>	Test Method for Cohesion/Adhesion of Sprayed Fire-resistive Materials Applied to Structural Members	IBC®	
E814-2013A(2017)	Test Method for Fire Tests of Penetration Firestop Systems	IBC®	IRC®
E970-14 <u>E970-2017</u>	Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	IBC®	IRC®
E1000-12e+ <u>E1300-2016</u>	Practice for Determining Load Resistance of Glass in Buildings	IBC®	
E1354-16 <u>E1354-17</u>	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	IBC®	
E1592-05 <u>E1592-2005(2012 2017)</u>	Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference	IBC®	
E1802-00 <u>E1802-2003(2010 2017)e+</u>	Guide for Construction of Solid Fuel-burning Masonry Heaters	IBC®	IRC®
E1886-10A <u>E1886-2013A</u>	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	IBC®	IRC®
E1996-14e <u>E1996-2017</u>	Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	IBC®	
E2174-14b <u>E2174-2018</u>	Standard Practice for On-site Inspection of Installed Fire Stops	IBC®	
E2270-00(2014) <u>E2273-2018</u>	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies	IBC®	IRC®
E2307-15b <u>E2307-15BE1</u>	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using the Intermediate-scale, Multistory Test Apparatus	IBC®	
E2353-14 <u>E2353-2016</u>	Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards and Balustrades	IBC®	
E2404-15a <u>E2404-2017</u>	Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facing and Veneers to Assess Surface Burning Characteristics	IBC®	IFC®
E2556/E2556M-10 <u>E2556M-2010(2016)</u>	Standard Specification for Vapor Permeable Flexible Sheet Water-resistive Barriers Intended for Mechanical Attachment	IBC®	
E2560-09e+ <u>E2560-</u>	Standard Specification for PB Exterior Insulation and Finish Systems	IBC®	IRC®

E2570 E2570M 07(2014)e1	Standard Test Method for Evaluating Water-resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) for EIFS with Drainage	IBC®	IRC®
E2573 E2573 2017	Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics	IBC®	IFC®
E2579 E2579 2015	Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics	IBC®	IFC®
E2599 E2599 2018	Standard Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics	IBC®	
E2634 E2634 2018 11(2015)	Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems	IBC®	IRC®
E2751M E2751M 2017A E2751M 13	Practice for Design and Performance of Supported Laminated Glass Walkways	IBC®	
F547 F547 2017 06(2012)	Terminology of Nails for Use with Wood and Wood-base Materials	IBC®	
F1667 F1667 2018 16	Specification for Driven Fasteners: Nails, Spikes and Staples	IBC®	IRC®
F2200 F2200 2017 14	Standard Specification for Automated Vehicular Gate Construction	IBC®	IFC®
G154 G154 2016A 12a	Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials	IBC®	

AWC		American Wood Council	
Standard Reference Number	Title	Referenced In Code(s):	
AWC STJR 2015 STJR 2021	Span Tables for Joists and Rafters	IBC®	IRC®
ANS/AWC PWF 2015 PWF 2021	Permanent Wood Foundation Design Specification	IBC®	IRC®
ANS/AWC SDPWS 2015 SDPWS 2021	Special Design Provisions for Wind and Seismic	IBC®	

AWPA		American Wood Protection Association	
Standard Reference Number	Title	Referenced In Code(s):	
M4 M4 15 16	Standard for the Care of Preservative-treated Wood Products	IBC®	IRC®
U1 U1 20 16	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Commodity Specification H	IBC®	IRC®

AWS		American Welding Society	
Standard Reference Number	Title	Referenced in Code(s):	
D1.4/D1.4M 2017 D1.4M 2018	Structural Welding Code—Reinforcing Steel Including Metal Inserts and Connections in Reinforced Concrete Construction Code—Steel Reinforcing Bars	IBC®	

BHMA		Builders Hardware Manufacturers' Association	
Standard Reference Number	Title	Referenced In Code(s):	
A 156.10 2011 156.10 2017	Power Operated Pedestrian Doors	IBC®	

A 156.19—2013 156.19—2020	Standard for Power Assist and Low Energy Power Operated Doors	IBC®
A 156.27—2011 156.27—2019	Power and Manual Operated Revolving Pedestrian Doors	IBC®
A 156.38—2014 156.38—2020	Low Energy Power Operated Sliding and Folding Doors	IBC®

CSA		Canadian Standards Association	
Standard Reference Number	Title	Referenced In Code(s):	
ASME A17.1—2016 A17.1—2019/CSA B44—16 B44—19	Safety Code for Elevators and Escalators	IBC®	
ASME A17.7—2007/CSA B44.7—07(R2017)	Performance-based Safety Code for Elevators and Escalators	IBC®	

DASMA		Door & Access Systems Manufacturers Association International	
Standard Reference Number	Title	Referenced in Code(s):	
ANSI/DASMA 445—2016 115—2017	Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure	IBC®	

DOC		U.S. Department of Commerce	
Standard Reference Number	Title	Referenced In Code(s):	
PS 1—99 1—19	Structural Plywood	IBC®	IRC®
PS 2—10 2—18	Performance Standard for Wood-based Structural use Wood Structural Panels	IBC®	IRC®
PS 20—05	American Softwood Lumber Standard	IBC®	IRC®

FM		FM Approvals	
Standard Reference Number	Title	Referenced in Code(s):	
4880—2015 4880—2017	Approval American National Standard for Class 1 Fire Rating of Building Panels or Evaluating the Fire Performance Insulated Building Panel Assemblies and Interior Finish Materials	IBC®	

GA		Gypsum Association	
Standard Reference Number	Title	Referenced in Code(s):	
GA 216—2016 216—2018	Application and Finishing of Gypsum Panel Products	IBC®	
GA 600—2015 600—2018	Fire-resistance and Sound Control Design Manual, 21st-22nd Edition	IBC®	

NAAMM		National Association of Architectural Metal Manufacturers	
Standard Reference Number	Title	Referenced in Code(s):	
FP 1001—17 1001—18	Guide Specifications for Design of Metal Flag Poles	IBC®	

NCMA National Concrete Masonry Association

Standard Reference Number	Title	Referenced In Code(s):
TEK 5—84(1996 2005)	Details for Concrete Masonry Fire Walls	IBC®

NFPA National Fire Protection Association

Standard Reference Number	Title	Referenced In Code(s):
40 — 10 — 21	Standard for Portable Fire Extinguishers	IBC® IFC®
11—16	Standard for Low-Low , Medium, and High Expansion Foam	IBC® IFC®
12A — 15 — 12A — 18	Standard on Halon 1301 Fire Extinguishing Systems	IBC® IFC® IPMC®
40 — 16 — 13 — 19	Standard for Installation of Sprinkler Systems	IBC® IFC® IRC®
13D — 16 — 13D — 19	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	IBC® IFC® IRC®
13R — 16 — 13R — 19	Standard for the Installation of Sprinkler Systems in Low-rise Residential Occupancies	IBC® IFC® IRC®
44 — 16 — 14 — 19	Standard for the Installation of Standpipe and Hose System	IBC® IFC®
16 — 15 — 16 — 19	Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems	IBC® IFC®
17 — 17 — 17 — 20	Standard for Dry Chemical Extinguishing Systems	IBC® IFC® IPMC®
17A — 17 — 17A — 20	Standard for Wet Chemical Extinguishing Systems	IBC® IFC® IPMC®
20 — 16 — 20 — 19	Standard for the Installation of Stationary Pumps for Fire Protection	IBC® IFC®
30 — 18 — 30 — 21	Flammable and Combustible Liquids Code	IBC® IFC®
30A — 18 — 30A — 21	Code for Motor Fuel Dispensing Facilities and Repair Garages	IBC® IFC® IFGC® IMC®
31 — 16 — 31 — 20	Standard for the Installation of Oil-burning Equipment	IBC® IFC® IMC® IRC®
32—16	Standard for Dry-Cleaning Plants Drycleaning Facilities	IBC® IFC®
40 — 16 — 40 — 19	Standard for the Storage and Handling of Cellulose Nitrate Film	IBC® IFC®
45 — 15 — 45 — 19	Standard on Fire Protection Laboratories Using Chemicals (2015 Edition)	IBC® IFC®
50 — 17 — 50 — 20	Liquefied Petroleum Gas Code	IBC® IFC® IFGC® IMC® IRC®
61 — 17 — 61 — 20	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities	IBC® IFC®
72 — 16 — 72 — 19	National Fire Alarm and Signaling Code	IBC® IFC® IMC® IPMC® IRC®
80 — 16 — 80 — 19	Standard for Fire Doors and Other Opening Protectives	IBC® IFC® IPMC®
82 — 14 — 82 — 19	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	IBC® IFGC® IMC®
85 — 15 — 85 — 19	Boiler and Combustion System Hazards Code	IBC® IFC® IFGC® IMC® IRC®
92 — 15 — 92 — 18	Standard for Smoke Control Systems	IBC® IFC® IMC®

99-18-99-21	Health Care Facilities Code	IBC® IPC®	IFC®
101-18-101-21	Life Safety Code	IBC®	IFC®
105-16-105-19	Standard for Smoke Door Assemblies and Other Opening Protectives	IBC® IPMC®	IFC®
110-16-110-19	Standard for Emergency and Standby Power Systems	IBC®	IFC®
111-18-111-19	Standard on Stored Electrical Energy Emergency and Standby Power Systems	IBC®	IFC®
120-15-120-20	Standard for Fire Prevention and Control In Coal Mines	IBC®	IFC®
211-16-211-19	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances	IBC® IFGC® IRC®	IFC® IMC®
221-18-221-21	Standard for High Challenge Fire Walls, Fire Walls and Fire Barrier Walls	IBC®	
253-15-253-19	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	IBC®	IFC®
265-15-265-19	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls	IBC®	IFC®
286-15-286-19	Standard Methods of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	IBC® IMC®	IFC® IRC®
276-15-276-19	Standard Method of Fire Tests for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-deck Roofing Components	IBC®	
289-18-289-19	Standard Method of Fire Test for Individual Fuel Packages	IBC®	IFC®
484-18-484-19	Standard for Combustible Metals	IBC®	
652-16-652-19	Standard on the Fundamentals of Combustible Dust	IBC®	IFC®
654-17-654-20	Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids	IBC®	IFC®
664-17-664-20	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	IBC®	IFC®
701-15-701-19	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	IBC®	IFC®
750-15-750-19	Standard on Water Mist Fire Protection Systems	IBC®	IFC®
2001-15-2001-18	Standard on Clean Agent Fire Extinguishing Systems	IBC® IPMC®	IFC®
2010-15-2010-20	Standard for Fixed Aerosol Fire-extinguishing Systems	IBC®	IFC®

PCI	Precast Prestressed Concrete Institute	
-----	--	--

Standard Reference Number	Title	Referenced In Code(s):
MNL 124-11-PCI 124-18	Design Specification for Fire Resistance of Precast / Prestressed Concrete	IBC®
MNL 128-04-PCI 128-19	Recommended Practice Specification for Glass Fiber Reinforced Concrete Panels	IBC®

PTI	Post-Tensioning Institute	
-----	---------------------------	--

Standard Reference Number	Title	Referenced In Code(s):
PTI DG-10.5-12 DC-10.5-19	Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive and Stable Soils	IBC®

SBCA	Structural Building Components Association	
------	--	--

Standard Reference Number	Title	Referenced in Code(s):
ANSI/FS 100-12(R2018)	Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating	IBC®

Sheathing Used in Exterior Wall Covering Assemblies

SPRI		Single-Ply Roofing Institute	
Standard Reference Number	Title	Referenced In Code(s):	
ANSI/SPRIFM 4435-ES-1 4435 ES-1-17	Wind Test Design Standard for Edge Systems Used with Low Slope Roofing Systems	IBC®	
ANSI/SPRI RP-4-13 RP-4-18	Wind Design Guide for Ballasted Single-ply Roofing Systems	IBC®	
ANSI/SPRI VF-1-16 VF-1-17	External Fire Design Standard for Vegetative Roofs	IBC®	

TIA		Telecommunications Industry Association	
Standard Reference Number	Title	Referenced In Code(s):	
222-H-2016 ANSI/TIA 222-H-2017	Structural Standards Standard for Antenna Supporting Structures and Antennas, Antennas and Small Wind Turbine Support Structures	IBC®	

TMS		The Masonry Society	
Standard Reference Number	Title	Referenced In Code(s):	
302-2012 302-2018	Standard Method for Determining the Sound Transmission Class Rating for Masonry Walls	IBC®	

UL		UL LLC	
Standard Reference Number	Title	Referenced in Code(s):	
10A-2009	Tin Clad Fire Doors—with Revisions through December 2010 <u>July 2018</u>	IBC®	
10C-2009 10C-2016	Positive Pressure Fire Tests of Door Assemblies—with Revisions through February 2015 <u>Assemblies</u>	IBC®	
14B-2008	Sliding Hardware for Standard Horizontally Mounted Tin Clad Fire Doors—with Revisions through May 2010 <u>July 2017</u>	IBC®	
14C-06 14C-2006	Swinging Hardware for Standard Tin Clad Fire Doors Mounted Singly and in Pairs—with Revisions through May 2010 <u>July 2017</u>	IBC®	
55A-04 55A-2004	Materials for Built-up Roof Coverings	IBC®	IRC®
103-2010	Factory-built Chimneys, for Residential Type and Building Heating Appliances—with Revisions through July 2012 <u>March 2017</u>	IBC® IMC®	IFGC® IRC®
127-2011	Factory-built Fireplaces—with Revisions through May 2015 <u>July 2016</u>	IBC® IMC®	IFGC® IRC®
199E-04 199E-2004	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers	IBC®	IFC®
217-06 217-2015	Single and Multiple Station Smoke Alarms—with Revisions through October 2015 <u>November 2016</u>	IBC® IRC®	IFC®
283-11	Fire Tests of Building Construction and Materials—with Revisions through June 2015 <u>March 2018</u>	IBC®	
268-09 268-2016	Smoke Detectors for Fire Alarm Systems <u>Systems with revisions through July 2016</u>	IBC® IPMC®	IFC®
294-1999 294-2018	Access Control System Units—with Revisions through February 2015 <u>October 2018</u> Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking	IBC®	IFC®

999 05 300 2005(R2010)	Equipment—with Revisions through December 2014	IBC®	IFC®
999A 06 300A 2006	Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces	IBC®	IFC®
305—2012	Panic Hardware—with Revisions through August 2014 <u>March 2017</u>	IBC®	IFC®
325 02 325 2017	Door, Drapery, Gate, Louver and Window Operations and Systems—with Revisions through May 2015 <u>Systems</u>	IBC®	IFC®
555—2006	Fire Dampers—with Revisions through May 2014 <u>October 2016</u>	IRC®	
555C 2006 555C 2014	Ceiling Dampers—with Revisions through December 2014 <u>May 2017</u>	IBC®	
555S 09 555S 2014	Smoke Dampers—with Revisions through February 2014 <u>October 2016</u>	IBC®	IMC®
580—2006	Test for Uplift Resistance of Roof Assemblies—with Revisions through October 2013 <u>2018</u>	IBC®	
641—2010	Type L Low-temperature Venting Systems—with Revisions through June 2013 <u>April 2018</u>	IBC®	IFGC®
		IMC®	IRC®
728 2006 728 2018	Test for Surface Burning Characteristics of Building Materials—with Revisions through August 2013 <u>Materials</u>	IBC®	IMC®
		IWUIC®	
790 04 790 2004	Standard Test Methods for Fire Tests of Roof Coverings—with Revisions through July 2014 <u>October 2018</u>	IBC®	IEBC®
		IFC®	IRC®
793 06 793 2008	Automatically Operated Roof Vents for Smoke and Heat—with Revisions through September 2011 <u>March 2017</u>	IBC®	IFC®
864 03 864 2014	Control Units and Accessories for Fire Alarm Systems—with Revisions through December 2014 <u>March 2018</u>	IBC®	IFC®
924 06 924 2016	Safety Emergency Lighting and Power Equipment—with Revisions through April 2014 <u>May 2018</u>	IBC®	IFC®
1040 06 1040 1996	Fire Test of Insulated Wall Construction—with Revisions through October 2012 <u>April 2017</u>	IBC®	IRC®
1256—02	Fire Test of Roof Deck Construction—with Revisions through July 2013 <u>August 2018</u>	IBC®	IRC®
1479 03 1479 2015	Fire Tests of Penetration Firestops—with Revisions through June 2015 <u>Firestops</u>	IBC®	IMC®
		IRC®	
1703 02 1703 2002	Flat-plate Photovoltaic Modules and Panels—with Revisions through October 2015 <u>September 2018</u>	IBC®	IRC®
1715—97	Fire Test of Interior Finish Material—with Revisions through January 2013 <u>April 2017</u>	IBC®	IRC®
1741—2010	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources—with Revisions through January 2015 <u>February 2018</u>	IBC®	IRC®
1777—2007	Chimney Liners—with Revisions through October 2015 <u>April 2014</u>	IBC®	IFGC®
		IMC®	
1784 01 1784 2015	Air Leakage Tests of Door Assemblies—with Revisions through February 2015 <u>Assemblies</u>	IBC®	IECC
1897 12 1897 2015	Uplift Tests for Roof Covering Systems—with Revisions through September 2015 <u>Systems</u>	IBC®	IRC®
1994 04 1994 2015	Luminous Egress Path Marking Systems—with Revisions through May 2015 <u>Systems</u>	IBC®	IFC®
2034 2006 2034 2017	Single- and Multiple-station Carbon Monoxide Alarms—with Revisions through March 2015 <u>September 2018</u>	IBC®	
2075—2013	Standard for Gas and Vapor Detectors and Sensors—with revisions through December 2017 <u>Sensors</u>	IBC®	IFC®
		IMC®	IRC®
2079 04 2079 2015	Tests for Fire Resistance of Building Joint Systems—with Revisions through August 2015 <u>Systems</u>	IBC®	IFC®
2196 2004 2196 2017	Tests Standard for Fire Resistive Cables—with Revisions through March 2012 <u>Test for Circuit Integrity of Fire- Resistive Power, Instrumentation, Control and Data Cables</u>	IBC®	IFC®
2200—2012	Stationary Engine Generator Assemblies—with Revisions through July October 2015	IBC®	IFC®
		IFGC®	IMC®
2202—2009	Electric Vehicle (EV) Charging System Equipment—with revisions through February 2018	IBC®	

~~2594—2014~~ 2594—2016 Electric Vehicle Supply Equipment IBC®

2703—2014 ~~Outline of Investigation for Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-plate Photovoltaic Modules and Panels~~ IBC®
Panels-with revisions through December 2019

ULC	Underwriters Laboratories of Canada	
Standard Reference Number	Title	Referenced in Code(s):
CAN/ULC S 402.2—2014 <u>102.2—2018</u>	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies—with 2000 Revisions <u>Assemblies</u>	IBC® IRC®

Reason: THIS IS THE ADMIN STANDARDS UPDATE CODE CHANGE FOR THE IBC.

The CP28 Code Development Policy, Section 4.6 requires the updating of referenced standards to be accomplished administratively, and be processed as a Code Change Proposal for consideration by the Administrative Code Change Committee. In September 2018, a letter was sent to each developer of standards that is referenced in the International Codes, asking them to provide ICC with a list of their standards in order to update to the current edition. Listed are the referenced standards that are to be updated based upon responses received from standard developers.

Cost Impact: The code change proposal will not increase or decrease the cost of construction
 Not applicable.

Proposal # 5823

ADM47-IBC-19

Code Change No: ADM47-16

Original Proposal

The following table provides a comprehensive list of all standards that the respective standards promulgators have indicated have been, or will be, updated from the listing in the 2018 Editions of the International Codes. According to Section 4.5.1 of ICC Council Policy #CP 28, Code Development Policy, the updating of standards referenced by the Codes shall be accomplished administratively by the Administrative code development committee. Therefore, referenced standards that are to be updated for the 2020 edition of any of the I-Codes are listed in this single code change proposal. Note that the table below indicates the change to the standard, and the code or codes in which each standard appears. The list includes standards that the promulgators have already updated or will have updated by December 1, 2020.

AA	Aluminum Association	
Standard Reference Number	Title	Referenced In Code(s):
ADM1-2015 <u>ADM1-2020</u>	Aluminum Design Manual: Part 4— A Specification-1 — <u>Specification for Aluminum Structures</u>	IBC®

AAMA	American Architectural Manufacturers Association	
Standard Reference Number	Title	Referenced in Code(s):
744-16 <u>711-20</u>	Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	IBC® IRC®
744-16 <u>714-20</u>	Voluntary Specification for Liquid Applied Flashing Used to Create a Water-resistive Seal around Exterior Wall Openings in Buildings	IBC® IRC®

ACI	American Concrete Institute	
Standard Reference Number	Title	Referenced in Code(s):
318-14 <u>318-19</u>	Building Code Requirements for Structural Concrete	IBC® IRC®

AISI	American Iron and Steel Institute	
Standard Reference Number	Title	Referenced in Code(s):
AISI S100-16 <u>S1-18</u>	North American Specification for the Design of Cold-formed Steel Structural Members, 2016, <u>with Supplement 1, dated 2018</u>	IBC® IRC®
AISI S202-15 <u>S202-20</u>	Code of Standard Practice for Cold-formed Steel <u>Structural Framing, 2015 2020</u>	IBC®
AISI S220-15 <u>S220-20</u>	North American Standard for Cold-formed Steel Framing—Nonstructural Members, <u>2015 2020</u>	IBC® IRC®
AISI S230-15 <u>S230-18</u>	Standard for Cold-formed Steel Framing—Prescriptive Method for One- and Two-family Dwellings, <u>2015 2018</u>	IBC® IRC®
AISI S240-15 <u>S240-20</u>	North American Standard for Cold-Formed Steel Structuring Framing, <u>2015 2020</u>	IBC® IRC®
AISI S400-15 <u>S1-16</u> S400-20	North American Standard for Seismic Design of Cold-formed Steel Structural Systems, <u>2015, with Supplement 1, dated 2016 2020</u>	IBC®

ANSI	American National Standards Institute	
Standard Reference Number	Title	Referenced in Code(s):
A13.1-2015 <u>A13.1-2020</u>	Scheme for the Identification of Piping Systems	IBC® IFC®
A108.1A-16 <u>A108.1A-17</u>	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar	IBC® IRC®
A108.1B-99 <u>A108.1B-17</u>	Installation of Ceramic Tile, Quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar	IBC® IRC®
A108.4-99 <u>A108.4-09</u>	Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive	IBC® IRC®

A108.5 99 A108.5 19	Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-Portland Cement Mortar	IBC®	IRC®
A108.6 99 A108.6 19	Installation of Ceramic Tile with Chemical-resistant, Water Cleanable Tile-setting and -grouting Epoxy	IBC®	IRC®
A108.8 99 A108.8 19	Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout	IBC®	
A108.9 99 A108.9 19	Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout	IBC®	
A108.10 99 A108.10 17	Installation of Grout in Tilework	IBC®	
A118.1 16 A118.1 18	American National Standard Specifications for Dry-set Portland Cement Mortar	IBC®	IRC®
A118.3 16 A118.3 20	American National Standard Specifications for Chemical-resistant, Water-cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive	IBC®	IRC®
A118.4 16 A118.4 18	American National Standard Specifications for Modified Dry-set Cement Mortar	IBC®	IRC®
A118.6 16 A118.6 19	American National Standard Specifications for Cement Grouts for Tile Installation	IBC®	
A136.1 08 A136.1 19	American National Standard Specifications for the Installation of Ceramic Tile	IBC®	IRC®
A137.1 17 A137.1 19	American National Standard Specifications for Ceramic Tile	IBC®	IRC®

APA	APA - Engineered Wood Association	
-----	-----------------------------------	--

Standard Reference Number	Title	Referenced In Code(s):	
ANSI 117 15 117 2020	Standard Specification for Structural Glued Laminated Timber of Softwood Species	IBC®	
ANSI/APA A490.1 17 A190.1 2017	Structural Glued Laminated Timber	IBC®	
ANSI/APA PRP 210 14 210 2019	Standard for Performance-Rated Engineered Wood Siding	IBC®	
APA PDS 12 PDS 20	Panel Design Specification	IBC®	
ANSI/APA PRG 320 17 320 2019	Standard for Performance-rated Cross-laminated Timber	IBC®	
APA R540 16 R540 19	Builders Builder Tips: Proper Storage and Handling of Glulam Beams	IBC®	
APA S475 16 S475 20	Glued Laminated Beam Design Tables	IBC®	
APA S560 14 S560 20	Field Notching and Drilling of Glued Laminated Timber Beams	IBC®	
APA X450 04 X450 18	Glulam in Residential Construction Western Edition Building Construction Guide	IBC®	

ASABE	American Society of Agricultural and Biological Engineers	
-------	---	--

Standard Reference Number	Title	Referenced In Code(s):	
EP 484.3 MON2016 DEC2017	Diaphragm Design of Metal-clad, Wood-frame Rectangular Buildings	IBC®	
EP 486.2 OCT 2012 ED 486.3 SEP2017	Shallow-post and Pier Foundation Design	IBC®	
EP 559.2 MON2016 559.1 W/Corr. AUG2010 (R2014)	Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies	IBC®	

ASCE/SEI	American Society of Civil Engineers Structural Engineering Institute	
----------	--	--

Standard Reference Number	Title	Referenced in Code(s):	
7 16 with Supplement 1	Minimum Design Loads and Associated Criteria for Buildings and Other Structures	IBC® IRC®	IEBC®

B4-14.24-20	Flood Resistant Design and Construction	IBC®	IRC®
29-17.29-19	Standard Calculation Methods for Structural Fire Protection	IBC®	
49-07.49-12	Wind Tunnel Testing for Buildings and Other Structures	IBC®	

ASME	American Society of Mechanical Engineers	
------	--	--

Standard Reference Number	Title	Referenced in Code(s):	
ASME/A17.1-2016 A17.1-2019/CSA B44-16 B44-19	Safety Code for Elevators and Escalators	IBC®	
A17.7-2007/CSA B44-07(R2014 R2019)	Performance-based Safety Code for Elevators and Escalators	IBC®	
A18.1-2014 A18.1-2020	Safety Standard for Platform Lifts and Stairway Chairlifts	IBC® IRC®	IEBC®
A99.1-2016 A90.1-2020	Safety Standard for Belt Manlifts	IBC®	
B16.16-2012 B16.16-2018	Cast Copper Alloy Solder Joint Pressure Fittings	IBC® IMC® IRC®	IFC® IPC®
B16.22-2013 B16.22-2018	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	IBC® IMC® IRC®	IFC® IPC®
B20.1-2015 B20.1-2021	Safety Standard for Conveyors and Related Equipment	IBC®	
B31.3-2016 B31.3-2020	Process Piping	IBC® IFGC®	IFC®

ASSE	American Society of Safety Engineers	
------	--------------------------------------	--

Standard Reference Number	Title	Referenced In Code(s):	
ANSI/ASSE Z359.1-2016 ASSP Z359.1-2019	Requirements for the ANSI/ASSE Z359-The Fall Protection Code	IBC® IMC®	IFC®

ASTM	ASTM International	
------	--------------------	--

Standard Reference Number	Title	Referenced in Code(s):	
A6/A6M-14 A6M-2017A	Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling	IBC®	
A153/A153M-09 A153M-2016A	Specification for Zinc Coating (Hot-dip) on Iron and Steel Hardware	IBC®	IRC®
A240/A240M-15a A240M-17	Standard Specification for Chromium and Chromium-nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications	IBC® ISPSCC®	IRC®
A252-10 A252-2010(2018)	Specification for Welded and Seamless Steel Pipe Piles	IBC®	
A283/A283M-13 A283M-2018	Specification for Low and Intermediate Tensile Strength Carbon Steel Plates	IBC®	
A416/A416M-15 A416M-2017A	Specification for Steel Strand, Uncoated Seven-wire for Prestressed Concrete	IBC®	
A572/A572M-15 A572M-2018	Specification for High-strength Low-alloy Columbium-Vanadium Structural Steel	IBC®	
A653/A653M-15 A653M-2017	Specification for Steel Sheet, Zinc-coated Galvanized or Zinc-iron Alloy-coated Galvannealed by the Hot-dip Process	IBC®	IRC®

A690/A690M—13a(2018)	Standard Specification for High-strength Low-alloy Nickel, Copper, Phosphorus Steel H-piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments	IBC®	
A706/A706M—15 A706M—2016	Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement	IBC®	IRC®
A722/A722M—15 A722M—2018	Specification for High-strength Steel Bars for Prestressed Concrete	IBC®	
A755/A755M—15 A755M—2016E1	Specification for Steel Sheet, Metallic-coated by the Hot-dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products	IBC®	
A924/A924M—14 A924M—2017A	Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-dip Process	IBC®	IRC®
B88—14 B88—2016	Specification for Seamless Copper Water Tube	IBC® IFGC® IPC® IRC®	IFC® IMC® IPSDC® ISPSC®
B251—19 B251/B251M—2017	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube	IBC® IMC® IPSDC®	IFC® IPC® IRC®
B280—13 B280—2018	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	IBC® IFGC®	IFC® IMC®
B695—04 B695—2004(2009 2016)	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel Strip for Building Construction	IBC®	IRC®
C5—16 C5—2018	Specification for Quicklime for Structural Purposes	IBC®	IRC®
C27—98 C27—1998(2014 2018)	Specification for Classification of Fireclay and High-alumina Refractory Brick	IBC®	IRC®
C31/G31M—15 C31M—2018B	Practice for Making and Curing Concrete Test Specimens in the Field	IBC®	
C33/G33M—19 C33M—2018	Specification for Concrete Aggregates	IBC®	IRC®
C55—2014a C55—2017	Specification for Concrete Building Brick	IBC®	IRC®
C62—13a C62—2017	Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)	IBC®	IRC®
C67—14 C67/C67M—2018	Test Methods of Sampling and Testing Brick and Structural Clay Tile	IBC®	
C73—14 C73—2017	Specification for Calcium Silicate Brick (Sand-lime Brick)	IBC®	IRC®
C90—14 C90—2016A	Specification for Loadbearing Concrete Masonry Units	IBC® IRC®	IECC
C91/G91M—12 C91M—2018	Specification for Masonry Cement	IBC®	IRC®
C94/G94M—15a C94M—2017A	Specification for Ready-mixed Concrete	IBC® IRC®	IEBC®
C140/G140M—15 C140M—2018	Test Method Sampling and Testing Concrete Masonry Units and Related Units	IBC®	
C150/G150M—15 C150M—2018	Specification for Portland Cement	IBC®	IRC®
C172/G172M—14a C172M—2017	Practice for Sampling Freshly Mixed Concrete	IBC®	
C199—04 C199—1984(2011 2016)	Test Method for Pier Test for Refractory Mortars	IBC®	IRC®
C208—12 C208—2012(2017)E1	Specification for Cellulosic Fiber Insulating Board	IBC®	IRC®
C216—15 C216—2017A	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	IBC®	IRC®
C315—07 C315—2007(2011 2016)	Specification for Clay Flue Liners and Chimney Pots	IBC® IMC®	IFGC® IRC®

C317/6317M-08 C317M-2000(2015)	Specification for Gypsum Concrete	IBC®	
C330/6330M-14 C330M-2017A	Specification for Lightweight Aggregates for Structural Concrete	IBC®	
C331/6331M-14 C331M-2017	Specification for Lightweight Aggregates for Concrete Masonry Units	IBC®	
G473-15 C473-2017	Test Methods for Physical Testing of Gypsum Panel Products	IBC®	
C475/6475M-15 C475M-2017	Specification for Joint Compound and Joint Tape for Finishing Gypsum Board	IBC®	IRC®
G516-08 C516-2008(2014 2013)e+ E1	Specifications for Vermiculite Loose Fill Thermal Insulation	IBC®	
G547-15 C547-2017	Specification for Mineral Fiber Pipe Insulation	IBC®	
C549-06(2012)	Specification for Perlite Loose Fill Insulation	IBC®	
G552-15 C552-2017E1	Standard Specification for Cellular Glass Thermal Insulation	IBC®	IRC®
G557-09 C557-2003(2009 2017)e0+	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing	IBC®	IRC®
G578-15 C578-2018	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation	IBC®	IRC®
G587-04 C587-2004(2014 2018)	Specification for Gypsum Veneer Plaster	IBC®	IRC®
C595/6595M-14e+ C595M-2018	Specification for Blended Hydraulic Cements	IBC®	IRC®
C635/6635M-18a C635M-2017	Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings	IBC®	
G652-15 C652-2017A	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	IBC®	IRC®
G726-12 C726-2017	Standard Specification for Mineral Wool Roof Insulation Board	IBC®	IRC®
G728-15 C728-2017A	Standard Specification for Perlite Thermal Insulation Board	IBC®	IRC®
G744-14 C744-2016	Specification for Prefaced Concrete and Calcium Silicate Masonry Units	IBC®	IRC®
G754-15 C754-2018	Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products	IBC®	
C836/6836M-15 C836M-2018	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	IBC®	IRC®
G840-13 C840-2018A	Specification for Application and Finishing of Gypsum Board	IBC®	
G841-03 C841-2003(2013 2018)	Specification for Installation of Interior Lathing and Furring	IBC®	IRC®
G843-09(2012) C843-2017	Specification for Application of Gypsum Veneer Plaster	IBC®	IRC®
G847-14a C847-2018	Specification for Metal Lath	IBC®	IRC®
G920-14a C920-2018	Standard for Specification for Elastomeric Joint Sealants	IBC®	IRC®
G926-15b C926-2018B	Specification for Application of Portland Cement-based Plaster	IBC®	IRC®
G933-14 C933-2018	Specification for Welded Wire Lath	IBC®	IRC®
G946-10 C946-2018	Specification for Construction of Dry-stacked, Surface-bonded Walls	IBC®	IRC®
G954-15 C954-2018	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness	IBC®	IRC®
C957/6957M-15 C957M-2017	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane with Integral Wearing Surface	IBC®	IRC®
G1002-14 C1002-2018	Specification for Steel Self-piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs	IBC®	IRC®
G1032-14 C1032-2018	Specification for Woven Wire Plaster Base	IBC®	IRC®
G1047-14a C1047-2018	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base Specification for Installation of Lathing and Furring to Receive Interior and Exterior	IBC®	IRC®

C1088-15a C1083-2018B	Portland Cement-based Plaster	IBC®	IRC®
C1088-14 C1088-2018	Specification for Thin Veneer Brick Units Made from Clay or Shale	IBC®	IRC®
C1157/C1157M-11 C1157M-2017	Standard Performance Specification for Hydraulic Cement	IBC®	
C1167-11 C1167-2011 (2017)	Specification for Clay Roof Tiles	IBC®	IRC®
C1177/C1177M-13 C1177M-2017	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	IBC®	IRC®
C1178/C1178M-13 C1178M-2018	Specification for Coated Mat Water-resistant Gypsum Backing Panel	IBC®	IRC®
C1186-08 C1186-2008 (2012 2016)	Specification for Flat Fiber Cement Sheets	IBC®	IRC®
C1261-13 C1261-2013 (2017)E1	Specification for Firebox Brick for Residential Fireplaces	IBC®	IRC®
C1278/C1278M-07a (2011) C1278M-2017	Specification for Fiber-reinforced Gypsum Panel	IBC®	IRC®
C1283-11 C1283-2015	Practice for Installing Clay Flue Lining	IBC®	IRC®
C1288-14 C1288-2017	Standard Specification for Discrete Nonasbestos Fiber-cement Interior Substrate Sheets	IBC®	IRC®
C1289-16 C1289-2018	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	IBC®	IRC®
C1325-14 C1325-2018	Standard Specification for Nonasbestos Fiber-mat Reinforced Cement Backer Units	IBC®	IRC®
C1364-16B C1364-2017	Standard Specification for Architectural Cast Stone	IBC®	IRC®
C1396/C1396M-14a C1396M-2017	Specification for Gypsum Board	IBC®	
C1492-03 C1492-2003 (2009 2016)	Standard Specification for Concrete Roof Tile	IBC®	IRC®
C1600/C1600M-11 C1600M-2017	Standard Specification for Rapid Hardening Hydraulic Cement	IBC®	
C1629/C1629M-15 C1629M-2018A	Standard Classification for Abuse-resistant Nondecorated Interior Gypsum Panel Products and Fiber-reinforced Cement Panels	IBC®	
C1658/C1658M-13 C1658M-2018	Standard Specification for Glass Mat Gypsum Panels	IBC®	IRC®
C1670-16 C1670/C1670M-2018	Standard Specification for Adhered Manufactured Stone Masonry Veneer Units	IBC®	
C1766-13 C1766-2015	Standard Specification for Factory-laminated Gypsum Panel Products	IBC®	IRC®
D25-12 D25-2012 (2017)	Specification for Round Timber Piles	IBC®	
D41/D41M-11 D41M-2011 (2016)	Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing	IBC®	
D43/D43M-09 D43M-2000 (2012 2018)e+	Specification for Coal Tar Primer Used in Roofing, Dampproofing and Waterproofing	IBC®	
D56-05 (2010) D56-2016A	Test Method for Flash Point by Tag Closed Cup Tester	IBC® IMC®	IFC®
D86-15 D86-2017	Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	IBC®	IFC®
D93-15 D93-2018	Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	IBC® IMC®	IFC®
D226/D226M-09 D226M-2017	Specification for Asphalt-saturated Organic Felt Used in Roofing and Waterproofing	IBC®	IRC®
D227/D227M-03 D227M-2003 (2011 2018)e+	Specification for Coal-tar-saturated Organic Felt Used in Roofing and Waterproofing	IBC®	IRC®
D312/D312M-15 D312M-			

D448—2012(2017)	Specification for Asphalt Used in Roofing Standard Classification for Sizes of Aggregate for Road and Bridge Construction	IBC® IBC®	
D450/D450M—07 D450M—2017(2018) e+	Specification for Coal-tar Pitch Used in Roofing, Dampproofing and Waterproofing	IBC®	IRC®
D1143/D1143M—07 D1143M—2007(2013) E1	Test Methods for Deep Foundations Under Static Axial Compressive Load	IBC®	
D1863/D1863M—05 D1863M—2005(2011) e+	Specification for Mineral Aggregate Used on Built-up Roofs	IBC®	IRC®
D1970/D1970M—15a D1970M—2017A	Specification for Self-adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection	IBC®	
D2178/D2178M—15 D2178M—15A	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	IBC®	IRC®
D2487—11 D2487—2017	Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)	IBC®	
D2822/D2822M—05 D2822M—2005(2011) e+	Specification for Asphalt Roof Cement, Asbestos Containing	IBC®	IRC®
D2824/D2824M—13 D2824M—2018	Standard Specification for Aluminum-pigmented Asphalt Roof Coatings, Nonfibered and Fibered without Asbestos	IBC®	
D2859—16 D2859—2016	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	IBC®	IFC®
D2898—10 D2898—2010(2017)	Test Methods for Accelerated Weathering of Fire-retardant-treated Wood for Fire Testing	IBC® IWUIC®	IRC®
D3019—08 D3019/D3019M—2017	Specification for Lap Cement Used with Asphalt Roll Roofing, Nonfibered, Asbestos Fibered and Nonasbestos Fibered	IBC®	IRC®
D3161/D3161M—15 D3161M—2016A	Test Method for Wind Resistance of Steep Slope Roofing Products (Fan Induced Method)	IBC®	IRC®
D3200—74 D3200—1974(2012) 2017	Standard Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles	IBC®	
D3462/D3462M—10a D3462M—2016	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules	IBC®	IRC®
D3679—13 D3679—2017	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	IBC®	IRC®
D3737—12 D3737—2018E1	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)	IBC®	
D3746—05 D3746/D3746M—1985(2008) 2015) E1	Test Method for Impact Resistance of Bituminous Roofing Systems	IBC®	
D3957—09 D3957—2009(2015)	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings	IBC®	
D4318—10e+ D4318—2017E1	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils	IBC®	IRC®
D4434/D4434M—12 D4434M—2015	Specification for Poly (Vinyl Chloride) Sheet Roofing	IBC®	IRC®
D4479/D4479M—07 D4479M—2007(2012) 2018) e+	Specification for Asphalt Roof Coatings—Asbestos-free	IBC®	IRC®
D4586/D4586M—07 D4586M—2007(2012) 2018) e+	Specification for Asphalt Roof Cement—Asbestos-free	IBC®	IRC®
D4637/D4637M—14e+ D4637M—2015	Specification for EPDM Sheet Used in Single-ply Roof Membrane	IBC®	IRC®
D4869/D4869M—15 D4869M—2016A	Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	IBC®	IRC®
D4897/D4897M—01(2009)			

D4897M—2018 D4945—12 D4945—2017	Specification for Asphalt-coated Glass Fiber Venting Base Sheet Used in Roofing Test Method for High-strain Dynamic Testing of Deep Foundations	IBC® IBC®	IRC®
D5055—13e+ D5055—2016	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-joists	IBC®	IRC®
D5456—14b D5456—2018	Specification for Evaluation of Structural Composite Lumber Products	IBC®	IRC®
D5516—09 D5516—2018	Test Method of Evaluating the Flexural Properties of Fire-retardant Treated Softwood Plywood Exposed to Elevated Temperatures	IBC®	IRC®
D5643/D5643M—06 D5643M—2006(2012 2018)e+	Specification for Coal Tar Roof Cement, Asbestos-free	IBC®	IRC®
D5664—18 D5664—2017	Standard Test Method for Evaluating the Effects of Fire-retardant Treatment and Elevated Temperatures on Strength Properties of Fire-retardant Treated Lumber	IBC®	IRC®
D6083—05e0+ D6083/D6083M—2018	Specification for Liquid Applied Acrylic Coating Used in Roofing	IBC®	IRC®
D6162/D6162M—00a(2015)e+ D6162M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC®	
D6163/D6163M—00(2015)e+ D6163M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	IBC®	
D6164/D6164M—11 D6164M—2016	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Metal Materials Using Polyester Reinforcements	IBC®	IRC®
D6222/D6222M—11 D6222M—2016	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements	IBC®	IRC®
D6223/D6223M—02(2009)e+ D6223M—2016	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC®	IRC®
D6298—13 D6298/D6298M—2016	Specification for Fiberglass Reinforced Styrene-butadiene-styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	IBC®	IRC®
D6380/D6380M—03 D6380M—2003(2018 2018)e+	Standard Specification for Asphalt Roll Roofing (Organic) Felt	IBC®	
D6464—03a D6464—2003A(2009 2017)e+	Standard Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing	IBC®	IRC®
D6509/D6509M—09(2015) D6509M—2016	Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements	IBC®	
D6754/D6754M—10 D6754M—2015	Standard Specification for Ketone Ethylene Ester Based Sheet Roofing	IBC®	IRC®
D6757—2013 D6757/D6757M—2018	Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep Slope Roofing	IBC®	IRC®
D6841—08 D6841—2016	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-retardant Treated Lumber	IBC®	IRC®
D6878/D6878M—10 D6878M—2017	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing	IBC®	IRC®
D6947/D6947M—07(2019)e+ D6947M—2016	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System	IBC®	IRC®
D7032—14 D7032—2017	Standard Specification for Establishing Performance Ratings for Wood, Plastic Composite Deck Boards and Guardrail Systems (Guards or Rails)	IBC® IWUIC®	IRC®
D7147—11 D7147—2011(2018)	Specification for Testing and Establishing Allowable Loads of Joist Hangers	IBC®	
D7158/D7158M—16 D7158M—2019	Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)	IBC®	
D7254—15 D7254—2017	Standard Specification for Polypropylene (PP) Siding	IBC®	IRC®
D7655/D7655M—12 D7655M—2012(2017)	Standard Classification for Size of Aggregate Used as Ballast for Roof Membrane Systems	IBC®	

E7672-14 <u>D7672-14E1</u>	Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies	IBC®	IRC®
E84-16 <u>E84-2018B</u>	Standard Test Methods for Surface Burning Characteristics of Building Materials	IBC®	
E90-09 <u>E90-2009(2016)</u>	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	IBC®	
E96/E96M-15 <u>E96M-2016</u>	Standard Test Methods for Water Vapor Transmission of Materials	IBC®	
E108-16 <u>E108-2017</u>	Standard Test Methods for Fire Tests of Roof Coverings	IBC® IWUIC®	IEBC®
E110-16 <u>E110-2018B</u>	Standard Test Methods for Fire Tests of Building Construction and Materials	IBC®	
E106-16 <u>E136-2016A</u>	Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750° C	IBC® IFGC® IWUIC®	IEBC® IMC®
E200-04 <u>E283-2004(2012)</u>	Standard Test Method for Determining Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences across the Specimen	IBC® IECC	IECC IRC®
E331-00 <u>E331-2000(2009 2016)</u>	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference	IBC®	IRC®
E492-09 <u>E492-2009(2016)E1</u>	Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-ceiling Assemblies Using the Tapping Machine	IBC®	
E648-15e+ <u>E648-2017A</u>	Standard Test Method for Critical Radiant Flux of Floor-covering Systems Using a Radiant Heat Energy Source	IBC®	IFC®
E736/E736M-00(2015)e+ <u>E736M-2017</u>	Test Method for Cohesion/Adhesion of Sprayed Fire-resistive Materials Applied to Structural Members	IBC®	
E814-2013A(2017)	Test Method for Fire Tests of Penetration Firestop Systems	IBC®	IRC®
E970-14 <u>E970-2017</u>	Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	IBC®	IRC®
E1000-12e+ <u>E1300-2016</u>	Practice for Determining Load Resistance of Glass in Buildings	IBC®	
E1354-16 <u>E1354-17</u>	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	IBC®	
E1592-05 <u>E1592-2005(2012 2017)</u>	Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference	IBC®	
E1802-00 <u>E1802-2003(2010 2017)e+</u>	Guide for Construction of Solid Fuel-burning Masonry Heaters	IBC®	IRC®
E1886-10A <u>E1886-2013A</u>	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	IBC®	IRC®
E1996-14e <u>E1996-2017</u>	Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	IBC®	
E2174-14b <u>E2174-2018</u>	Standard Practice for On-site Inspection of Installed Fire Stops	IBC®	
E2270-00(2014) <u>E2273-2018</u>	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies	IBC®	IRC®
E2307-15b <u>E2307-15BE1</u>	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using the Intermediate-scale, Multistory Test Apparatus	IBC®	
E2353-14 <u>E2353-2016</u>	Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards and Balustrades	IBC®	
E2404-15a <u>E2404-2017</u>	Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facing and Veneers to Assess Surface Burning Characteristics	IBC®	IFC®
E2556/E2556M-10 <u>E2556M-2010(2016)</u>	Standard Specification for Vapor Permeable Flexible Sheet Water-resistive Barriers Intended for Mechanical Attachment	IBC®	
E2560-09e+ <u>E2560-</u>	Standard Specification for PB Exterior Insulation and Finish Systems	IBC®	IRC®

E2570 E2570M 07(2014)e1	Standard Test Method for Evaluating Water-resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) for EIFS with Drainage	IBC®	IRC®
E2573 E2573 2017	Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics	IBC®	IFC®
E2579 E2579 2015	Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics	IBC®	IFC®
E2599 E2599 2018	Standard Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics	IBC®	
E2634 E2634 2018 11(2015)	Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems	IBC®	IRC®
E2751M E2751M 2017A E2751M 13	Practice for Design and Performance of Supported Laminated Glass Walkways	IBC®	
F547 F547 2017 06(2012)	Terminology of Nails for Use with Wood and Wood-base Materials	IBC®	
F1667 F1667 2018 16	Specification for Driven Fasteners: Nails, Spikes and Staples	IBC®	IRC®
F2200 F2200 2017 14	Standard Specification for Automated Vehicular Gate Construction	IBC®	IFC®
G154 G154 2016A 12a	Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials	IBC®	

AWC		American Wood Council	
Standard Reference Number	Title	Referenced In Code(s):	
AWC STJR 2015 STJR 2021	Span Tables for Joists and Rafters	IBC®	IRC®
ANS/AWC PWF 2015 PWF 2021	Permanent Wood Foundation Design Specification	IBC®	IRC®
ANS/AWC SDPWS 2015 SDPWS 2021	Special Design Provisions for Wind and Seismic	IBC®	

AWPA		American Wood Protection Association	
Standard Reference Number	Title	Referenced In Code(s):	
M4 M4 15 16	Standard for the Care of Preservative-treated Wood Products	IBC®	IRC®
U1 U1 20 16	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Commodity Specification H	IBC®	IRC®

AWS		American Welding Society	
Standard Reference Number	Title	Referenced in Code(s):	
D1.4/D1.4M 2017 D1.4M 2018	Structural Welding Code—Reinforcing Steel Including Metal Inserts and Connections in Reinforced Concrete Construction Code—Steel Reinforcing Bars	IBC®	

BHMA		Builders Hardware Manufacturers' Association	
Standard Reference Number	Title	Referenced In Code(s):	
A 156.10 2011 156.10 2017	Power Operated Pedestrian Doors	IBC®	

A 156.19—2013 156.19—2020	Standard for Power Assist and Low Energy Power Operated Doors	IBC®
A 156.27—2011 156.27—2019	Power and Manual Operated Revolving Pedestrian Doors	IBC®
A 156.38—2014 156.38—2020	Low Energy Power Operated Sliding and Folding Doors	IBC®

CSA	Canadian Standards Association	
-----	--------------------------------	--

Standard Reference Number	Title	Referenced In Code(s):
ASME A17.1—2016 A17.1—2019/CSA B44—16 B44—19	Safety Code for Elevators and Escalators	IBC®
ASME A17.7—2007/CSA B44.7—07(R2017)	Performance-based Safety Code for Elevators and Escalators	IBC®

DASMA	Door & Access Systems Manufacturers Association International	
-------	---	--

Standard Reference Number	Title	Referenced in Code(s):
ANSI/DASMA 445—2016 115—2017	Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure	IBC®

DOC	U.S. Department of Commerce	
-----	-----------------------------	--

Standard Reference Number	Title	Referenced In Code(s):
PS 1—99 1—19	Structural Plywood	IBC® IRC®
PS 2—10 2—18	Performance Standard for Wood-based Structural use Wood Structural Panels	IBC® IRC®
PS 20—05	American Softwood Lumber Standard	IBC® IRC®

FM	FM Approvals	
----	--------------	--

Standard Reference Number	Title	Referenced in Code(s):
4880—2015 4880—2017	Approval American National Standard for Class 1 Fire Rating of Building Panels or Evaluating the Fire Performance Insulated Building Panel Assemblies and Interior Finish Materials	IBC®

GA	Gypsum Association	
----	--------------------	--

Standard Reference Number	Title	Referenced in Code(s):
GA 216—2016 216—2018	Application and Finishing of Gypsum Panel Products	IBC®
GA 600—2015 600—2018	Fire-resistance and Sound Control Design Manual, 21st-22nd Edition	IBC®

NAAMM	National Association of Architectural Metal Manufacturers	
-------	---	--

Standard Reference Number	Title	Referenced in Code(s):
FP 1001—17 1001—18	Guide Specifications for Design of Metal Flag Poles	IBC®

NCMA National Concrete Masonry Association

Standard Reference Number	Title	Referenced In Code(s):
TEK 5—84(1996 2005)	Details for Concrete Masonry Fire Walls	IBC®

NFPA National Fire Protection Association

Standard Reference Number	Title	Referenced In Code(s):
40 — 10 — 21	Standard for Portable Fire Extinguishers	IBC® IFC®
11—16	Standard for Low-Low , Medium, and High Expansion Foam	IBC® IFC®
12A — 15 — 12A — 18	Standard on Halon 1301 Fire Extinguishing Systems	IBC® IFC® IPMC®
40 — 16 — 13 — 19	Standard for Installation of Sprinkler Systems	IBC® IFC® IRC®
13D — 16 — 13D — 19	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	IBC® IFC® IRC®
13R — 16 — 13R — 19	Standard for the Installation of Sprinkler Systems in Low-rise Residential Occupancies	IBC® IFC® IRC®
44 — 16 — 14 — 19	Standard for the Installation of Standpipe and Hose System	IBC® IFC®
16 — 15 — 16 — 19	Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems	IBC® IFC®
17 — 17 — 17 — 20	Standard for Dry Chemical Extinguishing Systems	IBC® IFC® IPMC®
17A — 17 — 17A — 20	Standard for Wet Chemical Extinguishing Systems	IBC® IFC® IPMC®
20 — 16 — 20 — 19	Standard for the Installation of Stationary Pumps for Fire Protection	IBC® IFC®
30 — 18 — 30 — 21	Flammable and Combustible Liquids Code	IBC® IFC®
30A — 18 — 30A — 21	Code for Motor Fuel Dispensing Facilities and Repair Garages	IBC® IFC® IFGC® IMC®
31 — 16 — 31 — 20	Standard for the Installation of Oil-burning Equipment	IBC® IFC® IMC® IRC®
32—16	Standard for Dry-Cleaning Plants Drycleaning Facilities	IBC® IFC®
40 — 16 — 40 — 19	Standard for the Storage and Handling of Cellulose Nitrate Film	IBC® IFC®
45 — 15 — 45 — 19	Standard on Fire Protection Laboratories Using Chemicals (2015 Edition)	IBC® IFC®
50 — 17 — 50 — 20	Liquefied Petroleum Gas Code	IBC® IFC® IFGC® IMC® IRC®
61 — 17 — 61 — 20	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities	IBC® IFC®
72 — 16 — 72 — 19	National Fire Alarm and Signaling Code	IBC® IFC® IMC® IPMC® IRC®
80 — 16 — 80 — 19	Standard for Fire Doors and Other Opening Protectives	IBC® IFC® IPMC®
82 — 14 — 82 — 19	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	IBC® IFGC® IMC®
85 — 15 — 85 — 19	Boiler and Combustion System Hazards Code	IBC® IFC® IFGC® IMC® IRC®
92 — 15 — 92 — 18	Standard for Smoke Control Systems	IBC® IFC® IMC®

99-18.99-21	Health Care Facilities Code	IBC® IPC®	IFC®
101-18.101-21	Life Safety Code	IBC®	IFC®
105-16.105-19	Standard for Smoke Door Assemblies and Other Opening Protectives	IBC® IPMC®	IFC®
110-16.110-19	Standard for Emergency and Standby Power Systems	IBC®	IFC®
111-18.111-19	Standard on Stored Electrical Energy Emergency and Standby Power Systems	IBC®	IFC®
120-15.120-20	Standard for Fire Prevention and Control In Coal Mines	IBC®	IFC®
211-16.211-19	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances	IBC® IFGC® IRC®	IFC® IMC®
221-18.221-21	Standard for High Challenge Fire Walls, Fire Walls and Fire Barrier Walls	IBC®	
253-15.253-19	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	IBC®	IFC®
265-15.265-19	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls	IBC®	IFC®
286-15.286-19	Standard Methods of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	IBC® IMC®	IFC® IRC®
276-15.276-19	Standard Method of Fire Tests for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-deck Roofing Components	IBC®	
289-18.289-19	Standard Method of Fire Test for Individual Fuel Packages	IBC®	IFC®
484-18.484-19	Standard for Combustible Metals	IBC®	
652-16.652-19	Standard on the Fundamentals of Combustible Dust	IBC®	IFC®
654-17.654-20	Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids	IBC®	IFC®
664-17.664-20	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	IBC®	IFC®
701-15.701-19	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	IBC®	IFC®
750-15.750-19	Standard on Water Mist Fire Protection Systems	IBC®	IFC®
2001-15.2001-18	Standard on Clean Agent Fire Extinguishing Systems	IBC® IPMC®	IFC®
2010-15.2010-20	Standard for Fixed Aerosol Fire-extinguishing Systems	IBC®	IFC®

PCI	Precast Prestressed Concrete Institute	
-----	--	--

Standard Reference Number	Title	Referenced In Code(s):
MNL 124-11-PCI 124-18	Design Specification for Fire Resistance of Precast / Prestressed Concrete	IBC®
MNL 128-04-PCI 128-19	Recommended Practice Specification for Glass Fiber Reinforced Concrete Panels	IBC®

PTI	Post-Tensioning Institute	
-----	---------------------------	--

Standard Reference Number	Title	Referenced In Code(s):
PTI DG-10.5-12 DC-10.5-19	Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive and Stable Soils	IBC®

SBCA	Structural Building Components Association	
------	--	--

Standard Reference Number	Title	Referenced in Code(s):
ANSI/FS 100-12(R2018)	Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating	IBC®

Sheathing Used in Exterior Wall Covering Assemblies

SPRI		Single-Ply Roofing Institute	
Standard Reference Number	Title	Referenced In Code(s):	
ANSI/SPRIFM 4435-ES-1 4435 ES-1-17	Wind Test Design Standard for Edge Systems Used with Low Slope Roofing Systems	IBC®	
ANSI/SPRI RP-4-13 RP-4-18	Wind Design Guide for Ballasted Single-ply Roofing Systems	IBC®	
ANSI/SPRI VF-1-16 VF-1-17	External Fire Design Standard for Vegetative Roofs	IBC®	

TIA		Telecommunications Industry Association	
Standard Reference Number	Title	Referenced In Code(s):	
222-H-2016 ANSI/TIA 222- H-2017	Structural Standards Standard for Antenna Supporting Structures and Antennas Antennas and Small Wind Turbine Support Structures	IBC®	

TMS		The Masonry Society	
Standard Reference Number	Title	Referenced In Code(s):	
302-2012 302-2018	Standard Method for Determining the Sound Transmission Class Rating for Masonry Walls	IBC®	

UL		UL LLC	
Standard Reference Number	Title	Referenced in Code(s):	
10A-2009	Tin Clad Fire Doors—with Revisions through December 2010 July 2016	IBC®	
10C-2009 10C-2016	Positive Pressure Fire Tests of Door Assemblies—with Revisions through February 2015 Assemblies	IBC®	
14B-2008	Sliding Hardware for Standard Horizontally Mounted Tin Clad Fire Doors—with Revisions through May 2010 July 2017	IBC®	
14C-06 14C-2006	Swinging Hardware for Standard Tin Clad Fire Doors Mounted Singly and in Pairs—with Revisions through May 2010 July 2017	IBC®	
55A-04 55A-2004	Materials for Built-up Roof Coverings	IBC®	IRC®
103-2010	Factory-built Chimneys, for Residential Type and Building Heating Appliances—with Revisions through July 2012 March 2017	IBC® IMC®	IFGC® IRC®
127-2011	Factory-built Fireplaces—with Revisions through May 2015 July 2016	IBC® IMC®	IFGC® IRC®
199E-04 199E-2004	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers	IBC®	IFC®
217-06 217-2015	Single and Multiple Station Smoke Alarms—with Revisions through October 2015 November 2016	IBC® IRC®	IFC®
283-11	Fire Tests of Building Construction and Materials—with Revisions through June 2015 March 2018	IBC®	
268-09 268-2016	Smoke Detectors for Fire Alarm Systems—with revisions through July 2016	IBC® IPMC®	IFC®
294-1999 294-2018	Access Control System Units—with Revisions through February 2015 October 2018 Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking	IBC®	IFC®

999 05 300 2005(R2010)	Equipment—with Revisions through December 2014	IBC®	IFC®
999A 06 300A 2006	Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces	IBC®	IFC®
305—2012	Panic Hardware—with Revisions through August 2014 <u>March 2017</u>	IBC®	IFC®
325 02 325 2017	Door, Drapery, Gate, Louver and Window Operations and Systems—with Revisions through May 2015 <u>Systems</u>	IBC® IRC®	IFC®
555—2006	Fire Dampers—with Revisions through May 2014 <u>October 2016</u>	IBC®	
555C 2006 555C 2014	Ceiling Dampers—with Revisions through December 2014 <u>May 2017</u>	IBC®	
555S 09 555S 2014	Smoke Dampers—with Revisions through February 2014 <u>October 2016</u>	IBC®	IMC®
580—2006	Test for Uplift Resistance of Roof Assemblies—with Revisions through October 2013 <u>2018</u>	IBC®	
641—2010	Type L Low-temperature Venting Systems—with Revisions through June 2013 <u>April 2018</u>	IBC® IMC®	IFGC® IRC®
728 2006 723 2018	Test for Surface Burning Characteristics of Building Materials—with Revisions through August 2013 <u>Materials</u>	IBC® IWUIC®	IMC®
790 04 790 2004	Standard Test Methods for Fire Tests of Roof Coverings—with Revisions through July 2014 <u>October 2018</u>	IBC® IFC®	IEBC® IRC®
793 06 793 2008	Automatically Operated Roof Vents for Smoke and Heat—with Revisions through September 2011 <u>March 2017</u>	IBC®	IFC®
864 03 864 2014	Control Units and Accessories for Fire Alarm Systems—with Revisions through December 2014 <u>March 2018</u>	IBC®	IFC®
924 06 924 2016	Safety Emergency Lighting and Power Equipment—with Revisions through April 2014 <u>May 2018</u>	IBC®	IFC®
1040 06 1040 1996	Fire Test of Insulated Wall Construction—with Revisions through October 2012 <u>April 2017</u>	IBC®	IRC®
1256—02	Fire Test of Roof Deck Construction—with Revisions through July 2013 <u>August 2018</u>	IBC®	IRC®
1479 03 1479 2015	Fire Tests of Penetration Firestops—with Revisions through June 2015 <u>Firestops</u>	IBC® IRC®	IMC®
1703 02 1703 2002	Flat-plate Photovoltaic Modules and Panels—with Revisions through October 2015 <u>September 2018</u>	IBC®	IRC®
1715—97	Fire Test of Interior Finish Material—with Revisions through January 2013 <u>April 2017</u>	IBC®	IRC®
1741—2010	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources—with Revisions through January 2015 <u>February 2018</u>	IBC®	IRC®
1777—2007	Chimney Liners—with Revisions through October 2015 <u>April 2014</u>	IBC® IMC®	IFGC®
1784 01 1784 2015	Air Leakage Tests of Door Assemblies—with Revisions through February 2015 <u>Assemblies</u>	IBC®	IECC
1897 12 1897 2015	Uplift Tests for Roof Covering Systems—with Revisions through September 2015 <u>Systems</u>	IBC®	IRC®
1994 04 1994 2015	Luminous Egress Path Marking Systems—with Revisions through May 2015 <u>Systems</u>	IBC®	IFC®
2034 2006 2034 2017	Single- and Multiple-station Carbon Monoxide Alarms—with Revisions through March 2015 <u>September 2018</u>	IBC®	
2075—2013	Standard for Gas and Vapor Detectors and Sensors—with revisions through December 2017 <u>Sensors</u>	IBC® IMC®	IFC® IRC®
2079 04 2079 2015	Tests for Fire Resistance of Building Joint Systems—with Revisions through August 2015 <u>Systems</u>	IBC®	IFC®
2196 2004 2196 2017	Tests Standard for Fire Resistive Cables—with Revisions through March 2012 <u>Test for Circuit Integrity of Fire- Resistive Power, Instrumentation, Control and Data Cables</u>	IBC®	IFC®
2200—2012	Stationary Engine Generator Assemblies—with Revisions through July <u>October 2015</u>	IBC® IFGC®	IFC® IMC®
2202—2009	Electric Vehicle (EV) Charging System Equipment—with revisions through February 2018 <u>Equipment</u>	IBC®	

2594—2014 <u>2594—2016</u>	Electric Vehicle Supply Equipment	IBC®
2703—2014	Outline of Investigation for Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-plate Photovoltaic Modules and Panels <u>Panels with revisions through December 2019</u>	IBC®

ULC	Underwriters Laboratories of Canada	
Standard Reference Number	Title	Referenced in Code(s):
CAN/ULC S 402.2—2014 <u>102.2—2018</u>	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies <u>Assemblies</u> with 2000 Revisions	IBC® IRC®

Reason: THIS IS THE ADMIN STANDARDS UPDATE CODE CHANGE FOR THE IBC.
 The CP28 Code Development Policy, Section 4.6 requires the updating of referenced standards to be accomplished administratively, and be processed as a Code Change Proposal for consideration by the Administrative Code Change Committee. In September 2018, a letter was sent to each developer of standards that is referenced in the International Codes, asking them to provide ICC with a list of their standards in order to update to the current edition. Listed are the referenced standards that are to be updated based upon responses received from standard developers.

Cost Impact: The code change proposal will not increase or decrease the cost of construction
 Not applicable.

Proposal # 5823

ADM47-IBC-19

Sub Code: Non-Applicable

SW8435/P1-18 Part V

2

Date Submitted 1/26/2021	Section 202	Proponent Mo Madani
Chapter 1	Affects HVHZ No	Attachments Yes
TAC Recommendation Pending Review		Staff Classification Non-Applicable
Commission Action Pending Review		

Comments

General Comments No

Related Modifications

The ISPCP is not part of the FBC.

Summary of Modification

The proposed code change adds a new definition for "Copper Alloy" to 2018 International Swimming Pool and Spa Code. The ISPCP is not part of the FBC.

Rationale

This code change is specific to the 2018 International Swimming Pool and Spa Code which is not part of the FBC.

Approved as Submitted (AS)

2018 International Swimming Pool and Spa Code

Add new definition as follows:

COPPER ALLOY. A homogeneous mixture of not less than two metals where not less than 50% of the finished metal is copper.

Code Change No: P1-18 Part V

Original Proposal

Section(s): 202

Proponents: Pennie L Feehan, Pennie L. Feehan Consulting, representing Copper Development Association (penniefeehan@me.com)

THIS IS A 6 PART CODE CHANGE PROPOSAL. PARTS I and VI WILL BE HEARD BY THE IPC-IPSDC COMMITTEE. PART II WILL BE HEARD BY THE IRC-PLUMBING COMMITTEE. PART III WILL BE HEARD BY THE IMC COMMITTEE. PART IV WILL BE HEARD BY THE IFGC COMMITTEE. PART V WILL BE HEARD BY THE ISPSC COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

2018 International Swimming Pool and Spa Code

Add new definition as follows:

COPPER ALLOY. A homogeneous mixture of not less than two metals where not less than 50% of the finished metal is copper.

Reason: It is important to understand that copper tube is an almost pure copper alloy, composed of 99.9% Cu + Ag combined with no greater than 0.04% P. Whereas, a copper alloy is a mixture of at least two metals in which copper is the primary component comprising no less than 50% and is combined with other elements to create different copper alloys. Therefore, brass, bronze, red brass, etc. are all forms of Copper Alloy.

Cost Impact: The code change proposal will not increase or decrease the cost of construction. This change only clarifies the code and doesn't impact the costs of labor or materials of construction.

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: A copper alloy complying with this definition can be used in many locations. (Vote: 12-0)

Assembly Action: **None**

Final Hearing Results

P1-18 Part V AS
